



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : ORTHOPHOSPHORIC ACID LR**

**CAS No : 7664-38-2**

**Mol. Formula :  $\text{H}_3\text{PO}_4$**

**Mol. WT : 98.00**

**Date of analysis : 21/02/23**

**Product code : 16690**

**Batch No : MCR-27711**

**Mfd. : Feb. 2023**

**Exp. : Jan. 2028**

| S.R | Test                              | Specification                      | Observation                        |
|-----|-----------------------------------|------------------------------------|------------------------------------|
| 1   | Description                       | A clear colourless viscous liquid. | A clear colourless viscous liquid. |
| 2   | Assay (acidimetric)               | 85% w/w min                        | 85.19% w/w                         |
| 3   | Wt. per ml (at 20 <sup>0</sup> c) | 1.70-1.76 g                        | 1.74g                              |
| 4   | Chloride(Cl)                      | 0.001 % max                        | < 0.001 %                          |
| 5   | Nitrate(NO <sub>3</sub> )         | 0.002 % max                        | < 0.002 %                          |
| 6   | Sulphate(SO <sub>4</sub> )        | 0.01 % max                         | < 0.01 %                           |
| 7   | Calcium & Magnesium               | 0.01 % max                         | < 0.01 %                           |
| 8   | Manganese(Mn)                     | 0.06 % max                         | < 0.06 %                           |

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Jyoti)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**